

ITEM	QTY -041	QTY -042	QTY -043	QTY -044	QTY -045	QTY -046	QTY -047	QTY -048	PART NUMBER	DESCRIPTION
	X								D4545-041	RETAINER, LH INNER (LOWER)
		X							D4545-042	RETAINER, RH INNER (LOWER)
			X						D4545-043	RETAINER, LH INNER (SIDE)
				X					D4545-044	RETAINER, RH INNER (SIDE)
					X				D4545-045	RETAINER, LH INNER (TOP CORNER)
						X			D4545-046	RETAINER, RH INNER (TOP CORNER)
							X		D4545-047	RETAINER, LH INNER (TOP)
								X	D4545-048	RETAINER, RH INNER (TOP)
1	1								D4541-1	BRACKET
2		1							D4541-2	BRACKET
3			1	1					D4541-3	BRACKET
4					1	1			D4541-5	BRACKET
5							1	1	D4541-7	BRACKET
6	1								D4542-1	RETAINER
7		1							D4542-2	RETAINER
8			1	1					D4542-3	RETAINER
9					1	1			D4542-5	RETAINER
10							1	1	D4542-7	RETAINER
11	40	38	28	28	12	12	16	16	MS20426AD3-4	RIVET
12	19	18	14	14	6	6	8	8	MS21059L3K	NUTPLATE
13	1	1							MS21061L3K	NUTPLATE

NOTES:  
1) MATERIAL: N/A  
2) FINISH: N/A  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: N/A  
6) IDENTIFICATION: IDENTIFY WITH DART P/N & B/N PER DART QSI 044 6.1  
7) WEIGHT: -041/-042 = 0.38 lbs, -043/-044 = 0.27 lbs,  
                  -045/-046 = 0.11 lbs, -047/-048 = 0.15 lbs  
8) BEND INDIVIDUAL TABS ON D4541-X BRACKETS TO CORRESPONDING "A#" (A1, A2, ETC.,) VALUE

SUPERCEDED BY  
NOT RECD

A	NEW ISSUE	CP	12.01.09
REV.	DESCRIPTION	BY	DATE
DESIGN	92	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	92		
CHECKED	ASS	DRAWING NO.	REV. A
MFG. APPR.	E	D4545	SHEET 1 OF 9
APPROVED	MP	TITLE	SCALE
DE APPR.	#	RETAINER, INNER	NTS
DATE	12.01.09	COPYRIGHT © 2012 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

D4542-1 RETAINER,  
LOCATE AND TRANSFER DRILL:  
40X Ø0.098 & 20X Ø0.257 FROM D4541-1  
(NUTPLATE HOLE PATTERNS)

**D4545-041 RETAINER, LH INNER**  
(LOWER RETAINER)

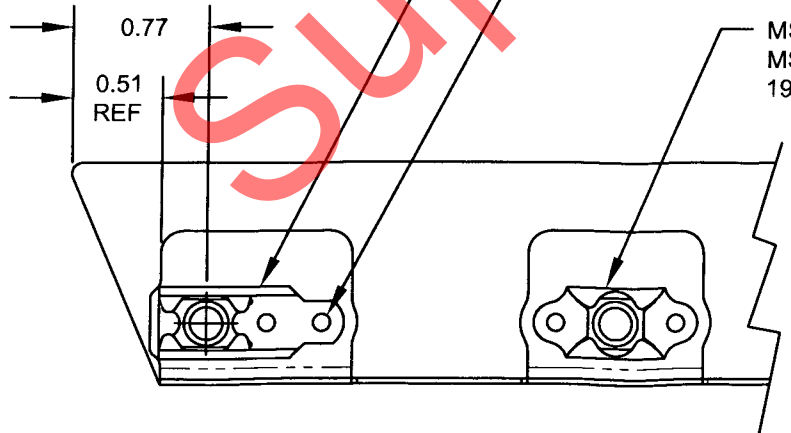
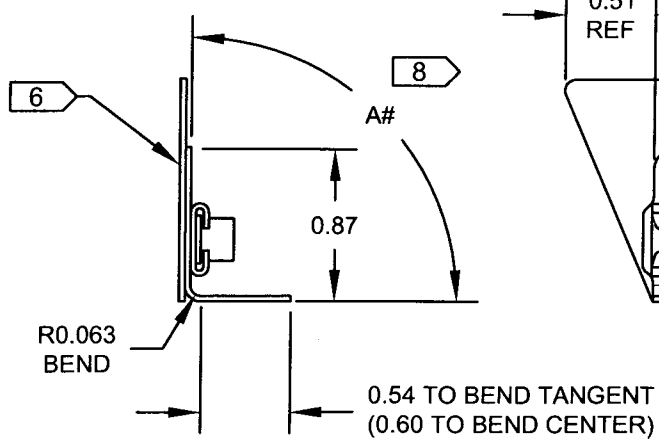
D4541-1 BRACKET

MS21061L3K NUTPLATE  
MS20426AD3-4 RIVET, 2X  
1 PL

DIMPLE Ø0.180 X 100°  
Ø0.098 HOLES ONLY  
FAR SIDE, 40 PL  
(ALL NUTPLATES)

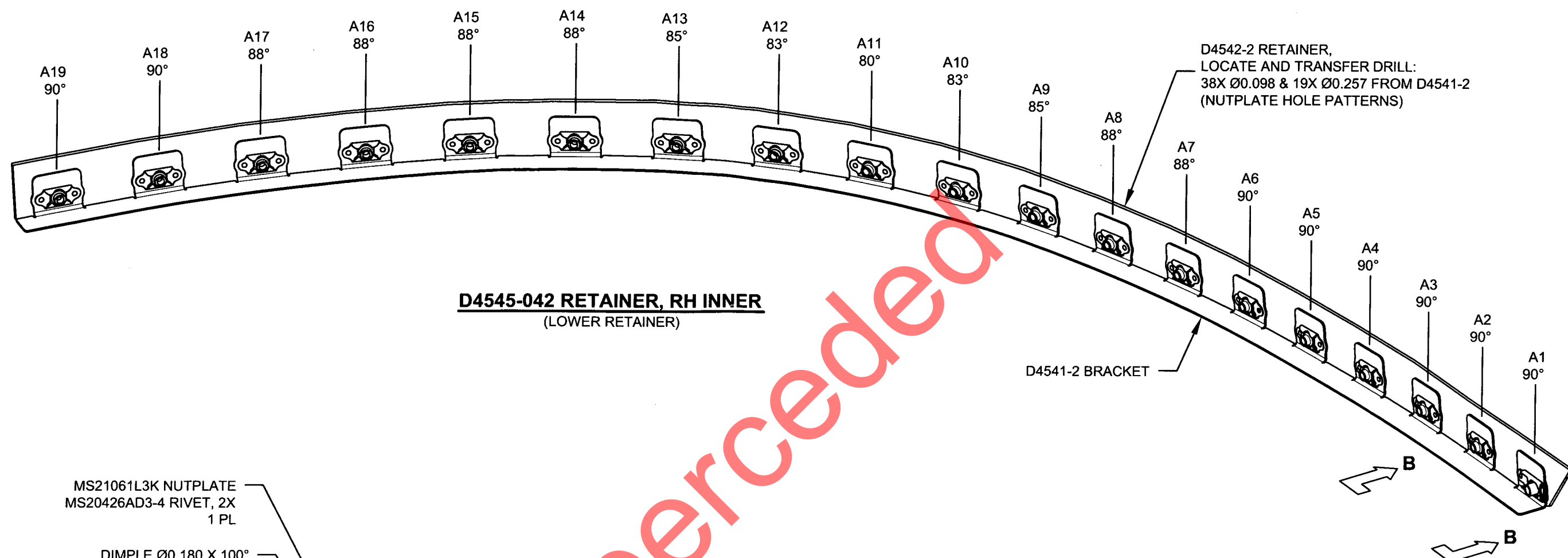
MS21059L3K NUTPLATE  
MS20426AD3-4 RIVET, 2X  
19 PL

**SUPERCEDED BY**  
*NOT REUSED*



**VIEW A-A**  
NOT TO SCALE

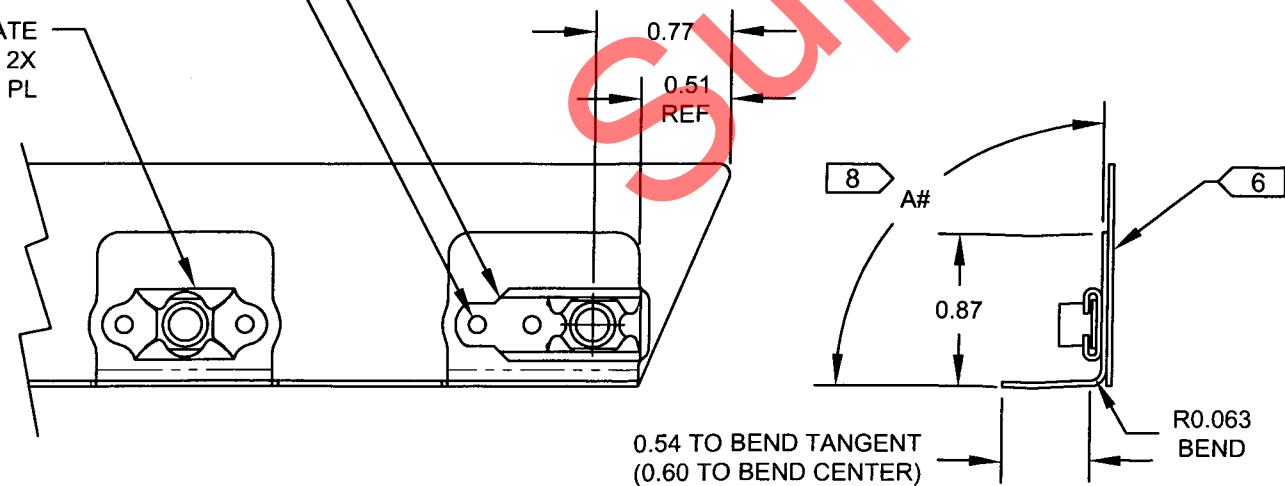
DESIGN	90	<b>DART AEROSPACE LTD</b>	
DRAWN	90	HAWKESBURY, ONTARIO, CANADA	
CHECKED	MS	DRAWING NO.	REV. A
MFG. APPR.	ES	D4545	SHEET 2 OF 9
APPROVED	AMP	TITLE	SCALE
DE APPR.	TH	RETAINER, INNER	NTS
DATE	12.01.09	COPYRIGHT © 2012 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



MS21061L3K NUTPLATE  
MS20426AD3-4 RIVET, 2X  
1 PL

DIMPLE Ø0.180 X 100°  
Ø0.098 HOLES ONLY  
FAR SIDE, 38 PL  
(ALL NUTPLATES)

MS21059L3K NUTPLATE  
MS20426AD3-4 RIVET, 2X  
18 PL



**VIEW B-B**  
NOT TO SCALE

**SUPERCEDED BY**  
NOT RLSD

DESIGN	qp	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	qp		
CHECKED	ASS	DRAWING NO.	REV. A
MFG. APPR.	ES	D4545	SHEET 3 OF 9
APPROVED	JMP	TITLE	SCALE
DE APPR.	JH	RETAINER, INNER	NTS
DATE	12.01.09	COPYRIGHT © 2012 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

D4542-3 RETAINER,  
LOCATE AND TRANSFER DRILL:  
28X Ø0.098 & 14X Ø0.257 FROM D4541-3

**D4545-043 RETAINER, LH INNER**  
(SIDE RETAINER)

D4541-3 BRACKET

MS21059L3K NUTPLATE  
MS20426AD3-4 RIVET, 2X  
14 PL

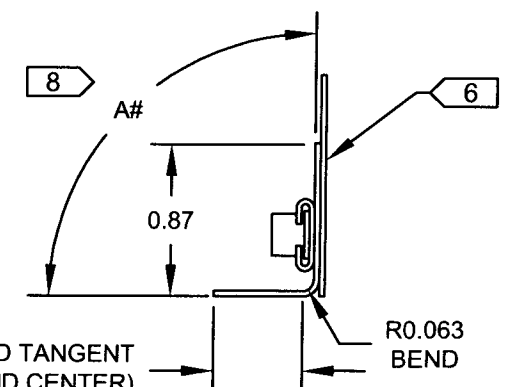
DIMPLE Ø0.180 X 100°  
Ø0.098 HOLES ONLY  
FAR SIDE, 28 PL

**VIEW C-C**  
NOT TO SCALE

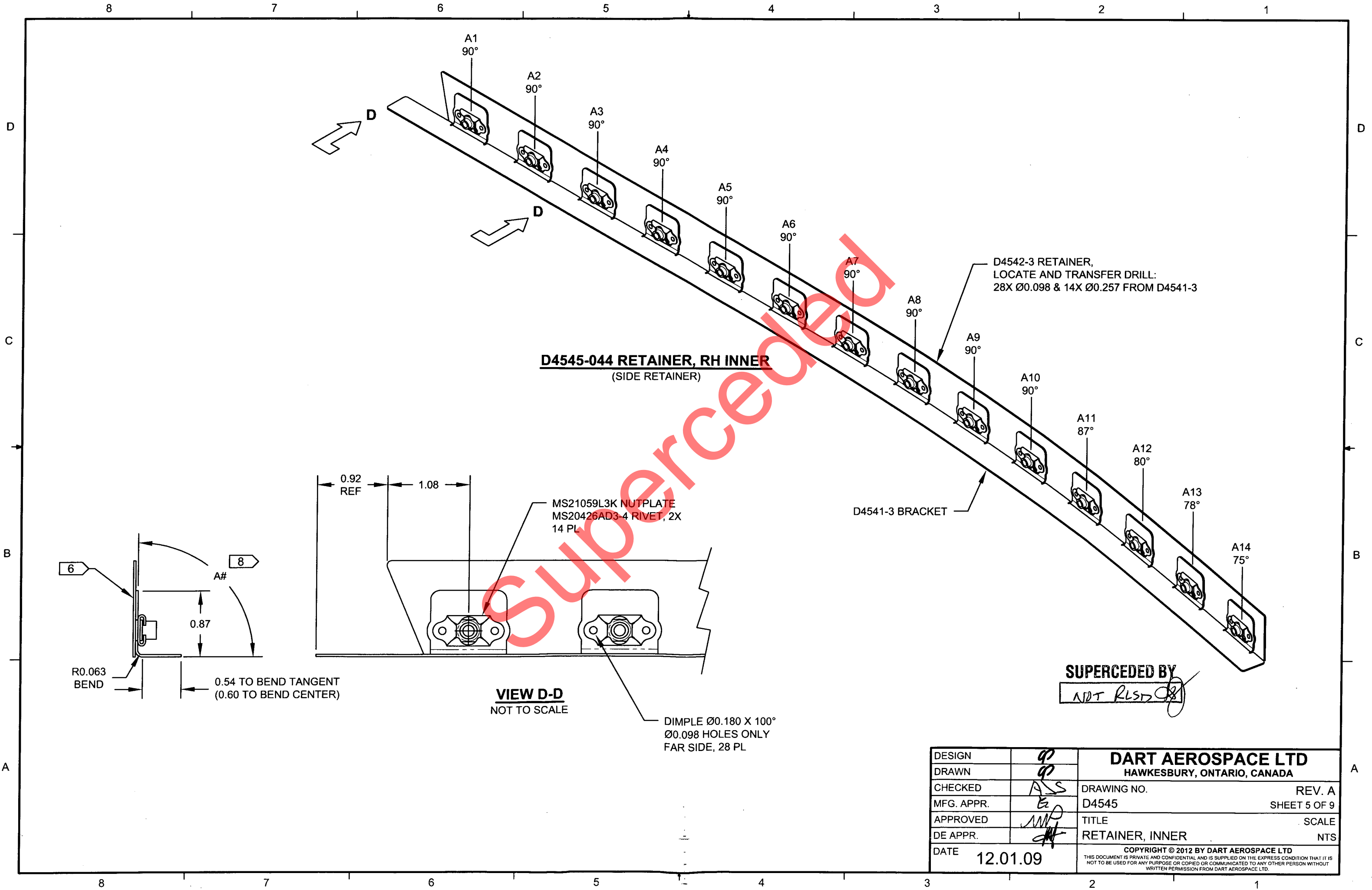
0.54 TO BEND TANGENT  
(0.60 TO BEND CENTER)

**SUPERCEDED BY**

NOT RECD



DESIGN	qp	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	qp		
CHECKED	ASS	DRAWING NO.	REV. A
MFG. APPR.	BE	D4545	SHEET 4 OF 9
APPROVED	MM	TITLE	SCALE
DE APPR.	MM	RETAINER, INNER	NTS
DATE	12.01.09	COPYRIGHT © 2012 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



**D4545-044 RETAINER, RH INNER**  
(SIDE RETAINER)

D4542-3 RETAINER,  
LOCATE AND TRANSFER DRILL:  
28X Ø0.098 & 14X Ø0.257 FROM D4541-3

D4541-3 BRACKET

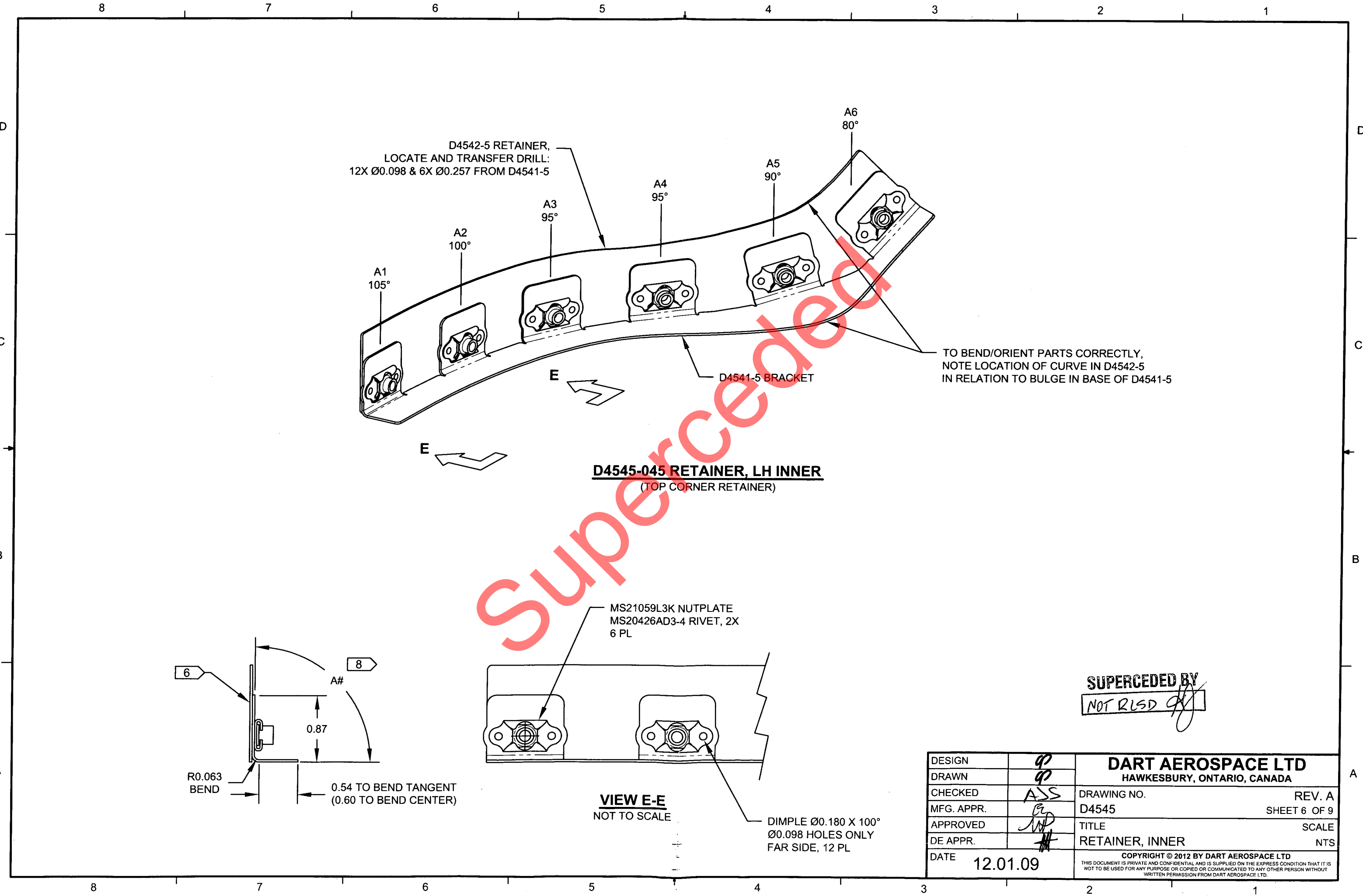
**SUPERCEDED BY**

ADT RLSD

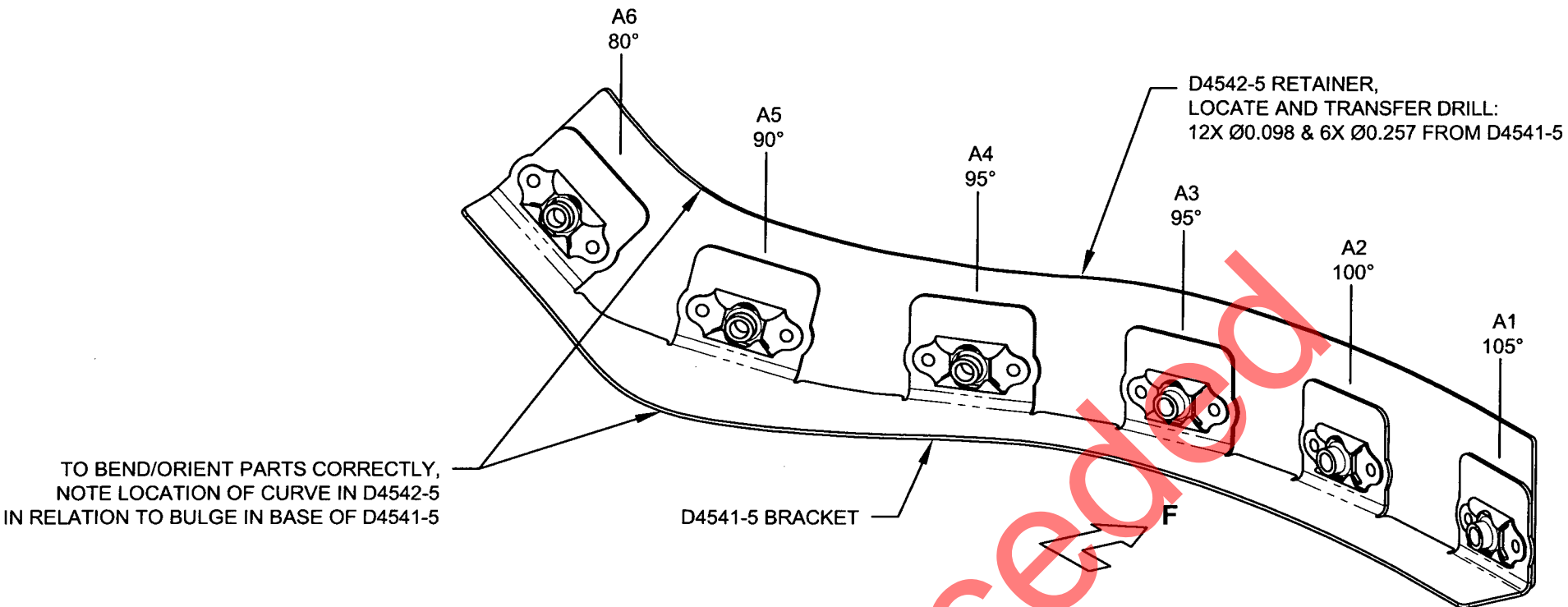
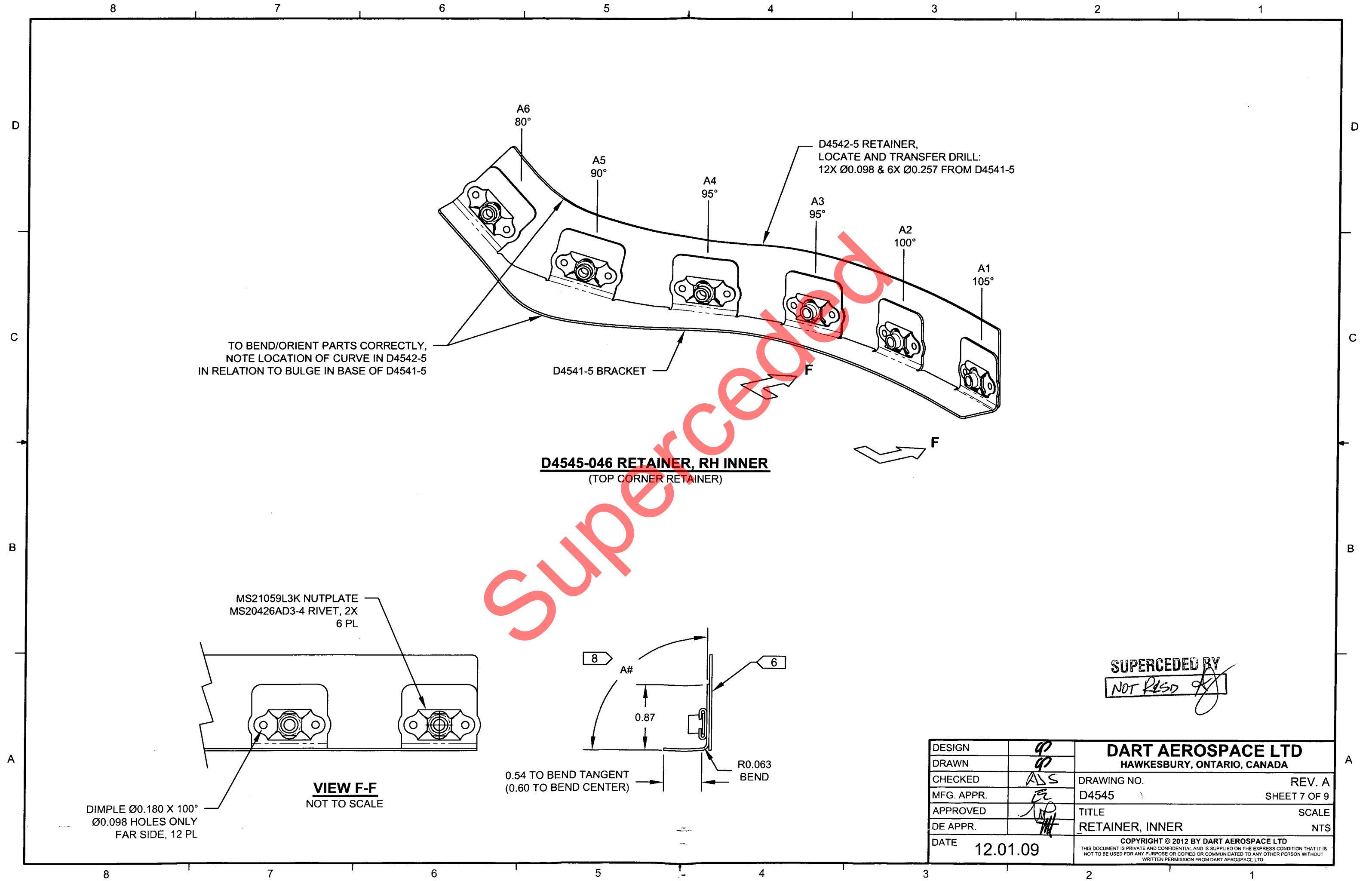
**VIEW D-D**  
NOT TO SCALE

DIMPLE Ø0.180 X 100°  
Ø0.098 HOLES ONLY  
FAR SIDE, 28 PL

DESIGN	90	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	90		
CHECKED	ASS	DRAWING NO.	REV. A
MFG. APPR.	E	D4545	SHEET 5 OF 9
APPROVED	MD	TITLE	SCALE
DE APPR.	MT	RETAINER, INNER	NTS
DATE	12.01.09	COPYRIGHT © 2012 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

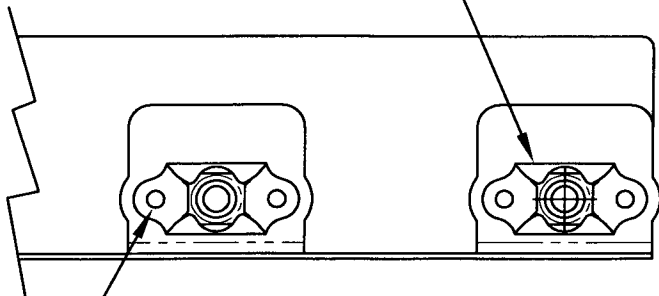






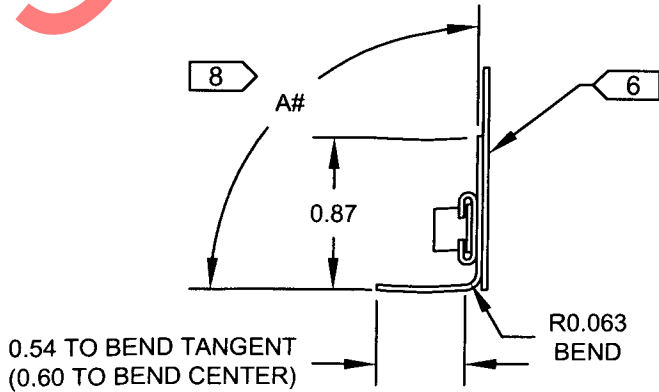
**D4545-046 RETAINER, RH INNER**  
(TOP CORNER RETAINER)

MS21059L3K NUTPLATE  
MS20426AD3-4 RIVET, 2X  
6 PL









**VIEW F-F**  
NOT TO SCALE

DIMPLE Ø0.180 X 100°  
Ø0.098 HOLES ONLY  
FAR SIDE, 12 PL



**SUPERCEDED BY**  
**NOT RECD**

DESIGN		<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4545	SHEET 7 OF 9
APPROVED		TITLE	SCALE
DE APPR.		RETAINER, INNER	NTS
DATE	12.01.09	COPYRIGHT © 2012 BY DART AEROSPACE LTD	
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

